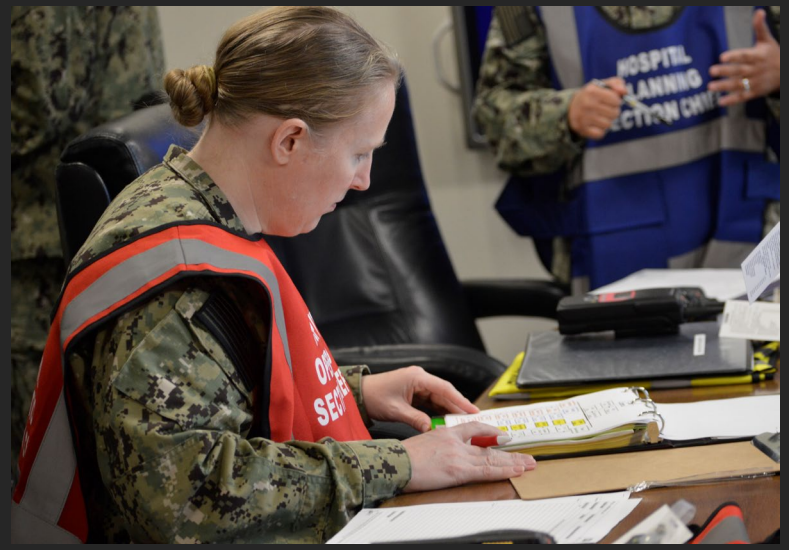
Emergency Management at NHB/NMRTC Bremerton – An All Hands Evolution

The Six Critical Areas of Emergency Management

Mass Casualty full-scale exercise held May 29, 2024

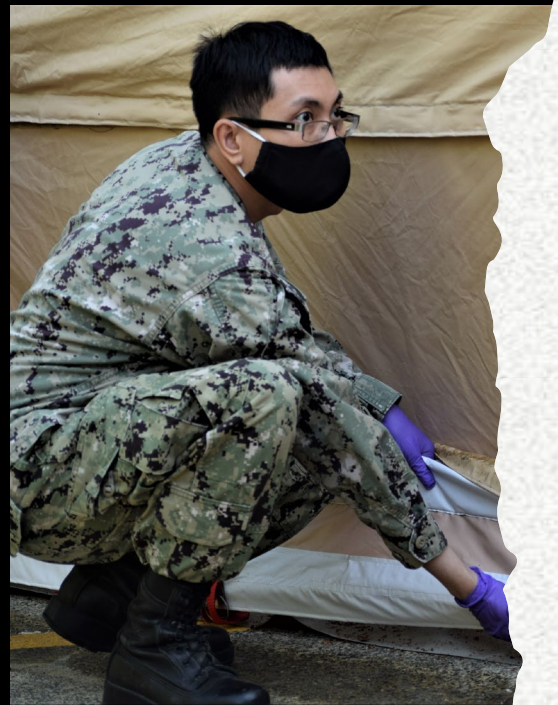
Communication - An effective plan describes how & when to communicate with staff, other health care organizations, community partners and relevant authorities. It accounts for the rapid evolution of any emergency/disaster and continually provide updates. The resources and tools used for maintaining communications are a critical element of disaster preparedness.



Patient/Clinic Support Activities *plan provides critical services during emergencies/disasters. It focuses on equipment and resources that play a direct role in an incident response. The hospital's emergency operations plan addresses patient care and clinical support activities, including transfer plans, continuity of care, and rapid acquisition of patient care supplies and health care records, especially when evacuation is imminent. Hospitals must be able to create a scalable response to meet the needs of the emergency.*

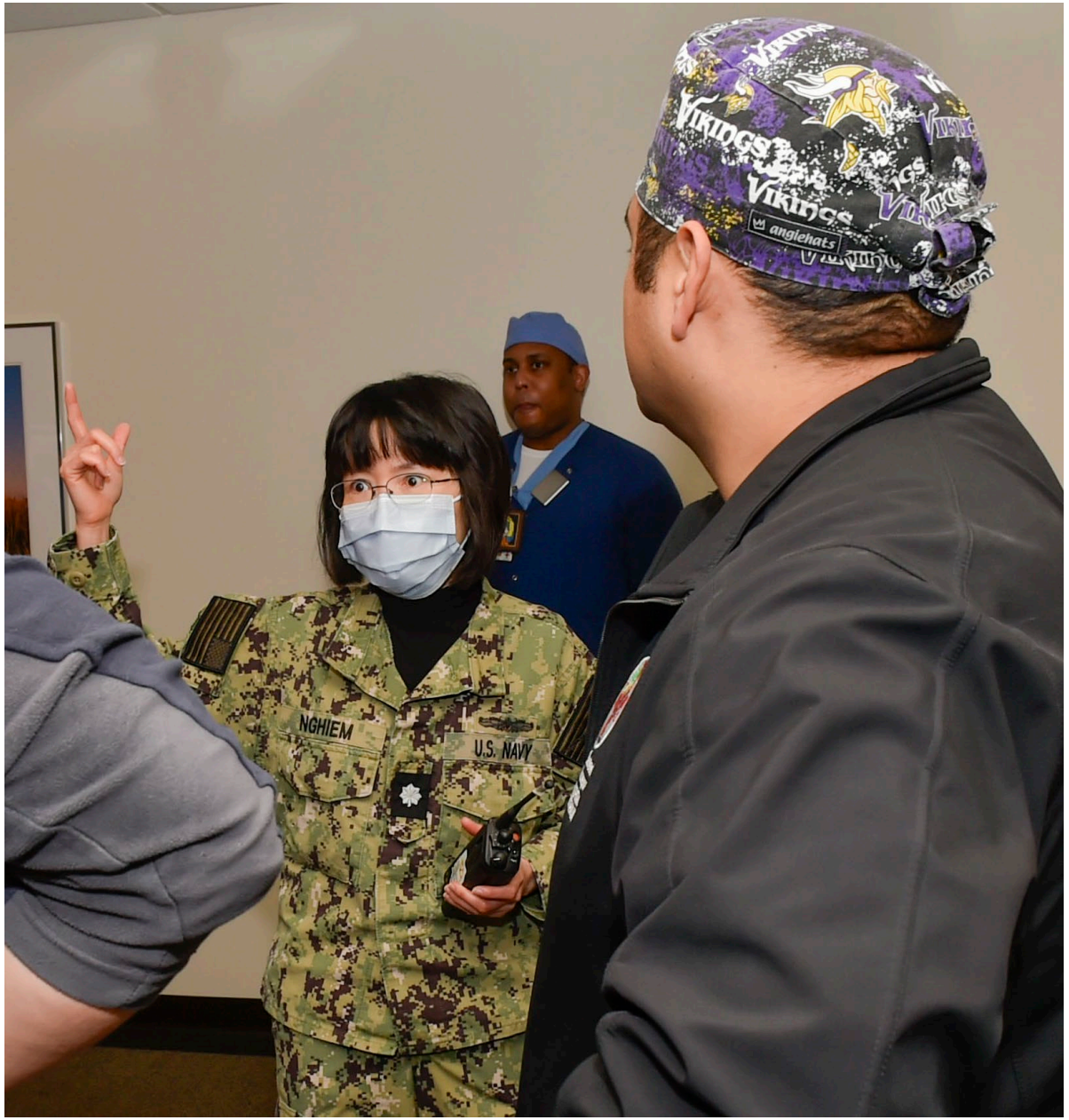
Safety & Security *- Emergencies and disasters often create new and rapidly changing safety and security concerns. An emergency response plan should include the possible need for heightening security measures, tracking and accountability of patients, staff, and families; and minimizing exposures to hazards. Safety and security measures include partnering with community security agencies.*

Resources and Assets *- Access to resources can often be difficult when community/region needs are greater than what is available. NHB's plan includes continual assessment on how to obtain, allocate, mobilize, replenish, and conserve its resources and assets during and after an emergency or disaster incident.*

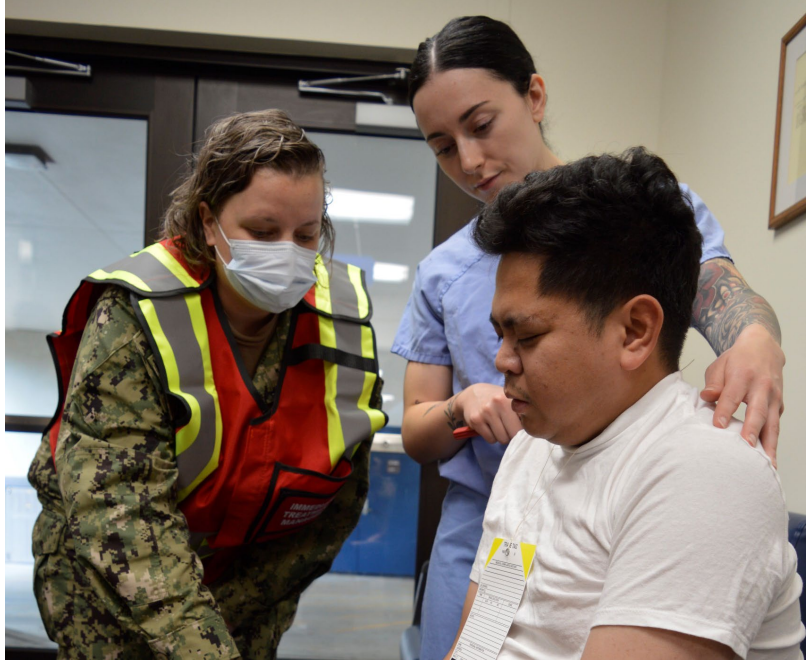


- *Utility Management - emergencies/disasters often have a detrimental impact on hospitals' utility system(s), including loss. The list of essential systems that could potentially fail during an emergency can range from heating, and ventilation to network connectivity and plumbing. The hospital must be prepared to provide alternate critical systems to maintain functional operations.*

Staff Responsibilities… Organizations should use their known risks, emergency operations plan, policies and procedures, and communications plan as a basis for developing an education and training program.



Staff Responsibilities, continued… Disaster response requires a unique set of capabilities related to knowledge and skills. The program provides disaster-related knowledge and training for staff that is consistent with their roles and responsibilities in an emergency.



Staff Responsibilities… provides a foundation for those assigned to disaster roles to function efficiently and effectively during an emergency or disaster incident.

NHB 2024-2025 Hazard Vulnerability Assessment Incident/Emergency	PROBABILITY SCORE	IMPACT SCORE			PREPAREDNESS SCORE			RECOVERY	Relative Risk
		LIFE SAFETY	PROPERTY	MISSION	PLANNING	TRAINING	RESOURCES	CAPABILITIES	
	Likelihood	Likelihood of death or injury	Likelihood of damage or loss	Likelihood of service interruption	Need for plans, procedures, or updates	Need for training: Is training appropriate?	Need for Resources / Logistics	Self recovery or Need for external aid	0 - 100%
	1 = Low (>10 years) 2 = Moderate (5-10yr) 3 = Potential (<1-5 yr) 4 = High potential 5 = Imminent	1 = Very Low 2 = Low 3 = Mod 4 = Major 5 = Very High	1 = Very Low 2 = Low 3 = Moderate 4 = Major 5 = Very High	1 = Very Low 2 = Low 3 = Moderate 4 = Major 5 = Very High	1 = Low 2 = Some 3 = Average 4 = Needed 5 = High Need	1 = Low 2 = Some 3 = Average 4 = Needed 5 = High Need	1 = Low 2 = Some 3 = Average 4 = Needed 5 = High Need	1 = Low Need 2 = Some Need 3 = Avg Need 4 = Moderate 5 = High Need	(Probability* Impact* Preparedness* Recovery ÷ 625
Biological Disease Pandemic / Highly Infectious Disease outbreak	**5**	4	1	3	4	3	4	3	23%
Natural Disaster/Quake	2	4	4	4	2	3	**5**	4	17%
Terrorist Attack/Shooter	2	4	2	3	3	3	4	4	13%
Terrorist Attack IED/VBIED	2	4	3	3	3	3	3	4	13%
Terrorist Attack/Hostage	2	4	2	3	3	3	3	4	12%
Natural Disaster Wildland / Brush Fire / Smoke Hazard	3	3	2	3	2	2	4	3	10%
Manmade Hazard	3	2	2	3	3	3	3	3	10%
Cyber Attack	3	1	1	4	4	3	3	3	10%

Earthquake Response Drill Full-Scale Evacuation Exercise Oct. 15, 2024

All Hands Muster Masters *As staff members exited during a full-scale evacuation during a earthquake response drill, October 15, 2024, admin personnel kept a running tally. The exercise featured a mock 7.2 magnitude earthquake which provided training to ensure the whereabouts of all staff.*

Saying it Seismic Loud*…Evacuating a sizable structure during an major earthquake drill, called for sharing instructions above the clustering and chaotic din. NHB's main focus of the exercise was to account for all staff, patient and visitor in the immediate aftermath of seismic activity. Mission accomplished*

Taking a Seismic Account*…"We need 100 percent accountability. Should the building collapse or portions fall, we have to account for everyone. If we can't, they could possibly be in those damaged areas and determine if we need to search in that location," stated Terry Lerma. NHB emergency manager.*

Tremor Tent for Triage*...Even though there were no reported injuries during the mass evacuation from the hospital and full accountability, UCC staff proactively brought medical treatment gear and a casualty tent was positioned to handle any potential incoming casualties.*

Meet the Press*... NHB's earthquake response drill included a mock press conference held with the incident commander and acting commanding officer. "Just as we train to respond to any actual incident, we also prepare to properly reply with timely, accurate information, key to getting the command's actions, intent, and status to staff and patients," said Lerma.*

According to NHB's 2024-25 Hazard Vulnerability Assessment [as seen earlier], a pandemic/highly infectious disease outbreak is the number two threat – after a seismic tremor – to impact the area.

NHB's Public Health officers/Preventive Medicine team prep to take the lead is preparing and providing for such a scenario.

One inoculation at a time…

Questions?